

**EUVOKO LYELUNDULUKO  
LYONKALO YOMBEPO:  
Okambo komauyelele kaakalimo  
yomOmusati**





*Egililo lyokututula koshiyelekitho iitopolwa mbi hayi mono omvula onshona*

# OSHIKALIMO



Elunduluko lyonkalo yombepo oshike nohali etithwa koshike? .....	1
Elunduluko lyonkalo yombepo niilanduli yalyo moNamibia .....	2
Okwiigilila elunduluko lyonkalo yombepo oshike nomolwashike lya pumbiwa? .....	3
Okwiigilila elunduluko lyonkalo yombepo moNamibia.....	5
Ehumithokomeho lyeilongo oshike? .....	7
Ehumithokomeho :okutengeneke omathimbomuvo .....	9
Ehumithokomeho lyeilongo: Okufutula omatengeneke .....	11
humithokomeho lyeilongo: Olweendo lwoshihakanwa .....	13
Ehumithokomeho lyeilongo: Ethigathano lyuunafaalama .....	14
Omalunza .....	15

## Elunduluko lyonkalo yombepo oshike?

Elunduluko lyombepo ompyu nontalala nosho wo lyomvula, ndyoka twa koneke notu li uvite kehe esiku, olyo onkalo yombepo yopakathimbo (weather). Nena otashi vulika ku kale kwa pupyala noku na etango, ngula otashi vulika ku kale kwa talala noku na oshimuke! Onkalo yombepo yethimbo ele (climate), oshinima shi ili – osho uukwatya wombepo ndjoka hayi kala pehala uule wethimbo lyontumba, nohawu metwa moshikakothimbo shomimvo omulongo nenge dhi vule po. Onkalo yombepo ohashi vulika wo yi kale onkalo yoshito yopothinge paku yi yelekanitha nonkalo yopokufu, nenge eyoolokathano lyonkalo yombepo yomumvogu noyoonumvo.

Elunduluko lyonkalo yombepo, olyo elunduluko lyuukwatyankalo wombepo woshito wehala. Oshiholelwa, omimvo omishona dha piti omvula yotango yomumvo otashi vulika yi tameke okuloka muJanuali, omanga kiitopolwa yimwe otashi vulika omvula yi loke muMaalitsa. Pomahala mpoka aantu haya kala nuupyundjele wa shiga ko woo-30° pokwenye, otashi vulika omasiku ga kale ga pupyala shi vulithe shito.



## Oshike hashi etitha elunduluko lyonkalo yombepo?

Monkalo yombepo yEvi, omwa kala aluhe omalunduluko gopanshitwe. Aantu mboka yi ilonga evi oya koneke kutya, monakuziwa okwa li omathimbo omale uuna evi hali kala lya talala, nenge lya pupyala, shi vulithe ngaashi shi li ngashingeyi. Nando ongawo, omimvo 100 dha piti, aantu oye etitha onkalo yombepo yEvi yi lunduluke meendelelo, shi vulithe nale.

Shika oshe etithwa keindjipalo lyaantu ndyono lya koko meendelelo. Aantu ayehe mbano oya pumbwa iikulya, omeya, oonkondo, evi, omagumbo, iilonga, iiyenditho nomayakulo gopampumbwe. Okutsakanitha po oompubwe ndhoka, oonzo odhindjidhindji dhopanshitwe (ngaashi omiti, omeya gondjendje, oohi,

omakalamanya, niyela) otayi kuthwa mo mevi, nevi olindji otali longithwa po muunamapya nomokutunga oondjila/oopate, oondoolopa niilando. linima ayihe mbika oya pumbwe oonkondo, ndhoka aantu haye dhi mono miikuni, momakalamanya, momahooli nomomuku gwopanshitwe.

Manga nduno ayihe mbyoka yi li oonzo dhiikwa niipangitho yiikwankondo, oyi li wo eyonagulo lyomudhingoloko nolyonkalonawa yomuntu. Ohadhi gandja omiku dha nika oshiponga, ndhoka hadhi yenyeke ewangandjo uulethimbo, nokweetitha elunduluko lyonkalo yombepo.



# Onkalo yombepo yaNamibia ohayi lunduluka ngiini?

Aantu mboka yi ilonga elunduluko lyonkalo yombepo, oya koneke kutya onkalo yombepo yaNamibia oya tameke okuninga ompyu noya kukuta, muule womimvo 100 dha ka pita. Oyu ulike wo kutya momimvo tadhi ka landula, otashi vulika onkalo yombepo moNamibia, yi ka kale ya londa pombanda shi vulithe shito, omanga omvula tashi vulika yi ka kale onshona. Uukwatyankalo wombepo nawo wo otawu lunduluka, kakele ashike kutya elunduluko lyombepo inali yela mo nawa natango. Nando ongawo, shono sha yela osho shoka kutya onkalo yombepo otayi kala kaayi shi okwiinelwa.

Oshiholelwa, nando tashi vulika ku kale omuloka omushona, omvula ndjoka tayi ka loka otashi vulika yi loke ayihe muule wethimbo efupi, notayi etitha efundja. Nenge, uuna aanafalama ya longekidhila omapya gawo, omvula otashi vulika yi kale inaayi loka uule woomwedhi odhindji, nenge nokuli womimvo. Omalunduluko ngaka oga hala okutya, iilonga yopaunafaalama mbyoka aantu yi ikuta muyo monakuziwa itayi ka longa we nawa monakuyiwa. Sha hala okutya, omikalo dhimwe otadhi ka ka kala kaadhi na naanaa we oshilonga mongashingeyi, oshoka elunduluko lyonkalo yombepo oli li metifa nale nokuli.

## Elunduluko lyonkalo yombepo oli na iilanduli yini muNamibia?

Eindjipalo lyuupyu nuutalala, osho wo (eshopalo?) lyomvula, lyakashonanakashona muule woshikakothimbo otashi vulika li etithe eteyo lyiikunwa lya nkundipala, oshoka otashi vulika itaayi ka opalela onkalo ndhoka oondhigu. Shika osha hala okutya itaku ka kala iikulya ya gwanena okuliwa kaanegumbo, nenge itaayi gwana we okufalwa komahala gomalandithilo. Epupyalo lyombepo lya shiga ko otashi vulika li gandje uupyu unene niinyenu miinamwenyo, nokweetitha iipuka/iilumathi oyindji. Oombepo dhomapukupuku otashi vulika dhi hanagule po iikunomwa, omanga ombepo onshona yi etithe kutya aantu mboka haya mono omeya okuziilila moomboola kaaya mone omeya.

Uuna oluteni lwa holoka po, iinamwenyo otayi kala kaayi na omeya gokunwa ga gwana, notashi vulika yi se po, omanga aantu taya kala kaye na omeya ga gwana gokunwa, gokutelekitha nenge goyoya nokwiiyoga. Uuna taku popiwa omeya itaaga gwanene, osha hala wo okutya evi nalyo otali kushu, oshoka

mulyo omu na owala oshimuke oshishona lela. Shika ohashi etitha opo iikunomwa yi se po, nohashi etitha eshonopalo lyiikulya yaantu nolyomwiidhi gwiinamwenyo. Olwindji oluteni ohalu landulwa kefundja. Shika ohashi holoka, oshoka uuna evi lya kalanda nolya kukuta, omeya itaga hiti we nuupu mulyo. Uuna omvula yepoola ya holoka, mbalambala omeya ohaga kungulula po evi ekukutu nokuyonagula epya. Efundja ohali yonagula po wo omagumbo, omatungo, oopate, nohashi etitha eopaleko lyayo li pule iimaliwa oyindji. Molwashoka kapu na iikwatelwa ya gwana (ngaashi (oondama nenge ootenga dhomeya) yokukwata omeya noku ga pungula, omeya ohaga talama miishana. Uuna omeya ngoka ga kala ethimbo nuule ga talama, ohaga nigile, taga etitha omikithi, nokutaandelitha omavu.

## Okwiikilila elunduluko longhalo yomhepo oshike?

Okwiikilila elunduluko longhalo yomhepo osho oshitya sha tambulwa notashi ti okupondola mokukwandjangela nomashongo elunduluko longhalo yomhepo “mokulundulula” omikalo “nokwiikilila” onghalamwenyo, omikalo dounafaalama, nelongifo ledu okuungaunga nomalunduluko oo a teeelwa.

Eikililo otali lalakanene okuninipika eemhito dii nokuwedela epondolo lovanhu va dule okwiikilila, unene tuu ovo ve likolelela nohava hupu mounamapya nounaimuna. Osha itavelwa kutya, ngeenge

itaku ikililwa, onghalamwenyo otai nghundipala neenghono omanga ngee itaku kendabalwa okwiikilila onghalamwenyo iwa otai dulu okuhangwa nomonghalo idjuu yonghalo yomhepo oyo ya teeelwa.

**‘Okwiigilila’ elunduluko lyonkalo yombepo osha hala okutya, omukalo ngoka tatu ningi iinima, opo tu wape okuungaunga noonkalo dhombepo ndhoka inaatu igilila, nokwiilongekidhila iiningwanima iidhigu, ngaashi omaluteni nomafundja**

## Omolwashike elundululo la pumbiwa?

Ngaashi naanaa ovanhu have lipyakidile nomafundja noikukuta ngaashi hai holoka, ova longifa yo eemhangela deikililo delikolelela keedjo nokeshiivo nokounongo wavo ukulu kombinga yeli Humbato longhalo yomhepo loulelimbo. Eemhangela dopaife dokupondola oda kwatela mo epungulo loilya (omahangu ile oilyavala) momaanda omolwelongifo monakwiwa, unene pomafimbo madjuu, nosho yo okutembulila oimuna keehambo ile keenhele dopakafimbo oko taku monika oulifilo.

Ashike, eemhito odo inadi wana vali okupondola oilanduli yefimbo lile yelunduluko longhalo yomhepo. Oshinima osho naanaa shi li ngaho, unene eshi tu na oshiwana tashi hapupala neendelelo. Eikililo ola pumbiwa okwiimba enyonauko olo tashi dulika li etifwe koilanduli yelunduluko longhalo yomhepo. Mokwiikilila, omatilifo ooundjolowele wovanhu, ependukepo lemona, eliko, etungapalo nekwatelifanepo loushitwe otai dulu okuninipikwa. Eemwenyo otadi dulu okuxupifwa noifuta molwelunduluko longhalo yomhepo otai dulu okuholwa.



# Okwiigilila elunduluko lyonkalo yombepo moNAMIBIA

## Longitha uuyeleele okuziililila montengeneko yonkalo yombepo nokomalondodho gokuyele

Etengeneko lyonkalo yombepo ohali gandja uuyeleele wa kankamekelwa konkalo yombepo yesiku, yoshiwike, yomwedhi nenge yomumvo nkene tayi ka kala ya tya. Etengeneko lyonkalo yombepo yethimbo efupi ohashi vulika yi kwathe aanaaalam, opo ya ninge omatokolo gesiku nesiku. Omatengeneko gomathimbomumvo oge na ekwatho enen, oshoks ohaga kwathele aanaaalam okutokola kutya otaya kunu omaludhi giikunwa yinipo omumvo ngoka, nokulongekidha ethimbo lyokukuna, nethimbo lyokuteya.

Omalondodho gokuyele oga simana oshoka ohaga kwathele aanaaalam, opo yi ilongekidhile omaluteni, omafundja nomapepo gamapukupuku.



## Eyoolokathano lyiinamwenyo

Ngele otashi vulika, aanaaalam naya kale nomaludhi giinamwenyo ya yoolokathana (hol. okumuna niikombo, noonzi nonoongombe dha yoolokathana), unene tuu mbyoka ihaayi tila omayooloko gonkalo yombepo.



## Eyoolokathano lyiikunomwa

Ngele omunafaalam okwa kunu iikunomwa yoludhi lumwe e tayi kala inayi koka nawa, nena otapu kala ompumbwe yiikulya yaantu noyiinamwenyo, osho wo yokulanditha. Iikunomwa oya pumbwa okukunwa pamaludhi ga yoolokathana, opo yi kwathelathane, uuna shimwe shomuyo sha ponyo. Omaludhi giikunomwa naga kwatele mo mbyoka ihaayi tila luteni.



## Okupungula iilya niikulya yiinamwenyo

Uuna ku na eteyo ewanawa, oshigandhi sha gwedhwa po, niikulya yiinamwenyo nayi pungulwe, mokwiilongekidhila eteyo lya nkundipala monakuyiwa.





## Edhiko lyomahangano gomikuli nogomaimangokumwe gaanafaalama

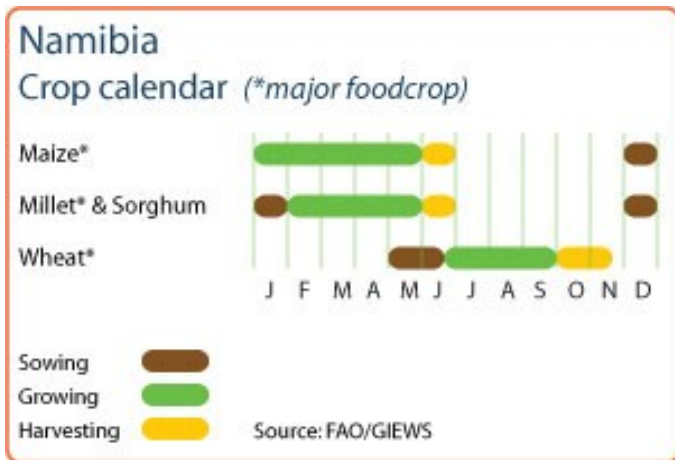
Okutunga po omaimangokumwe mokati koongundu dhaanafaalama aalumentu naakiintu, nenge mokati kaakiintu oyo ayeke, otashi vulu okukwathela momikalo odhindji. Oshiholelwa, mokulongela kumwe nomokutula oonzo dhawo mumwe, aanafaalama otaya vulu okunawapaleka ompito yomalanditho gawo komahala gomalandithilo, eishilipaleko lyomikuli, nenge lyiihehelwamaliwa, nokukwathatahana mokudhewulathana muutekenika uupe wopaunafaalama. Okulongela kumwe otashi ti wo kutya, ongundu otayi kala newi lya kola shi vultithe kehe gumwe ta longo oye ayeke.



<https://goo.gl/Do9WYu>

## Okulundulula ethimbo lyokukuna nolyokuteya

Uuna omathimbo gokuloka kwomvula ga lunduluka, aanafaalama oye na okukutha po shimwe, ongele okukuna oombuto dhawo kwa toka, nenge okutameka okulongekidha omapiya gawo kuyeke, shi vultithe shito, opo ya pyakudhukilwe okuloka kwomvula kwokuyeke.



## Longitha omaryenge gomakwatathano

Elyenge lyomakwatathano ga kola pokati kaashiinda, kaakwanezimo, kookuume nokiilyo yaakwashigwana olya simana pethimbo lyoluteni nenge lyefundja, uuna pu na ompumbwe yokutopolelathana iikulya, omeya noonzo dhilwe.



<https://goo.gl/p15Bw/>



# Einyanyudho – Uudhano pakutopolelathana wo CCA

Omukalo gwo-CCA nehulithopo lyiiyetipo yiiponga odho omikalo ndhoka ominene dho odha nyengana – nopomathimbo gamwe ohadhi ngwangwaneke noonkondo. Omathimbo gamwe engwangwano ndino ohali etelele omatumwalaka ganathangwa ngono haga tilitha aantu nenge haga etele aantu eziyalalo nenge eso. Omaiyo ngano kape na nando ogumwe meukililo haga kwathele okweeta po ekuthombinga nonkatu nenge okugandja uunongo mbokoa twa pumbwa okudhiladhila kombinga yiyyetwapo noonkambadhala dheigililemo.

Omapandja taga landula otaga gandja okanyangadhalwa okafupi hono to vulu okulongitha mosheetwaposhayo tashi opalele okweeta po ompito noonkundathana ndhono tadhi toto po oonkondo nuunongo nokweetha aakuthimbinga ya konakone omashongo gomalandululo gonkalo yombepo. Opu na omikalo odhindji dha yooloka tadhi kwatele mo iinyangadhalwa mbino moku ya metitha ngaashi iigongiilonga, iigongi yongundu nenge oongundu dhokwiilonga. Osheetwapo shoye osho shimwe shomiitungitho ya simana momukalo nguno – onkene kutha ondunge ombwaanawa okuza kiinyangadhalwa mbino okutota po nokwaandjaganeke onkatu yeigililomo lyeilongo!



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## **Elongekidho lyotundi yoye**

Longekidha otundi yoye nuukeka e to kwashilipaleke kombinga yelandulathano lyiiyetwapo – yelekanitha omapekaepo golela notundi ya nuka po  
Longekidha iinyangadhalwa tayi hokitha pethimbo lya shonopala mesiku (oshiholelwa, konima yomwiha)  
Kwashilipaleka kombinga yiinakugwanithwa niipewalonga  
Longekidha iilongitho ayihe ya pumbiwa moshigongiilonga  
Kwashilipaleka nkene oshigongiilongatashi ka tulwa pamishangwa  
Kala wi ilongekidha

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## **Eegululo netaambeko**

Kala wa ndjangumukwa nokupyakudhukwa poshikando shimwe  
Pulakena nawa nokunongonona  
Kwashilipaleka wu mone einekelo lyaakuthimbinga (shino kambadhala wu shi kale ke po)  
Pitika aakuthimbinga ayehe yi ipopye/yi itotomone yo yene  
Koneke omadhina gaakuthimbinga  
Ninga nawa aakuthimbinga shi thike pamwe nonesimaneko

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*Ontopolwa ndjika yomalolelo geilongo oyi ikolelela koshikalimo shehumokomeho lyehangano lyOmushigakano Omutiligane nOsenda yElunduluko yEngoli Etiligane, noya longitha omapitikilo gawo. Tala ontopolwa yOmalunza pepandja 15 omolwomaueyelele gaampoka to vulu okumona uuyejelele owindji kombinga yomalolelo geilongo niiholelwa oyindji weitulomo lyomaudhano.*

### Efalomo lyotundi

Kala ngoye mwene – kehe gumwe oku na omukalo gwe gwokuwilika  
Kala wu shi mpoka wu li motundi nokwiikwatelela kopoloholama  
Kala pokati na ino eta mo omadhiladhilo goye mwene  
Shonopeka oonkundathana mpoka tashi vulika  
Tsa omuthindo oonkundathana mpono sha pumbiwa  
Longa naakuthimbinga ayehe onga aakuluntu  
Talela oonkundathana momaziminino nuufano nenge nuukalata  
Kwashilipaleka kutya aakuthimbinga ayehe oya zimina ngele oshizemo osha kundathanwa  
Ino pula omapulo ga pata  
Uuna wa adhika komashongo motundi – pula ondungu yi tale konima nokuninga etokolo (oshiholelwa: kapu na ethimbo lya gwana: natu pate kwa tika nenge natu nuke po ontopolwa mopoloholama?)

### Ompito ye eguluka

Nayi kale tayi topolelathana, tayi hokitha nomikalo omiwanawa  
Tsa omukumo eilongo pokati kaashiinda noowino dha topolelathana  
Kotokela elaka nomagumbo gomithigululwakalo  
Tsa omukumo etopolelathano lyoowino nomadhiladhilo mumudhingoloko gwa gamwenwa

### Lwahugunina

Taleni shoka sha popiwa motundi  
Pendula shoka sha enda nawa MANGA inoo pekapeka shono tashi vulu okweendululwa  
Yelelwa kombinga yokomongula noonkatu tadhi landula  
Gandja ethimbo lya yela niinakugwanithwa yoonkatu (ngele otashi vulika)

### Konima yoshigongiilo nga

Taleni mongundu: oshike sha li oshiwana – oshike shaa li oshiwana – oshike tashi vulu okuokwoopalekwa oshikando tashi landula?  
Talela uunongo woye wokuwilika: pendula shoka she ende nawa, dhiladhila kombinga yaashono wa hala okukambadhala oshikando tashi landula sha yooloka  
Tula onkatu yeilongo lyoye pamishangwa

# ETHIMBO LYONKALO YOMBEPO *pakutala*

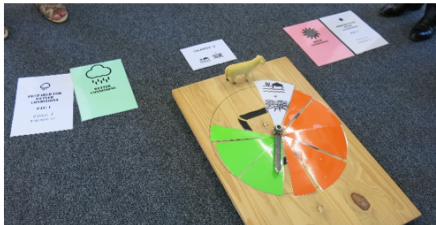
Mokaudhano hano, omudhani kehe omunafaalama gwiimuna. Elalakano okutala nkene omunafaalama kehe ta vulu okulundulula omatokolo guunafaalama we shi ikwatelela komathimbo gonkalo yombepo. Pehulilo lyuudhano, aakuthimbinga naya uve ko elongitho nomangambeko goonkalombepo ndhika, nonkene oonkalombepo ndhika tadhi vulu okulundulula omatokolo goonkalamwenyo dhawo.

## Awiliki: 1

**Ethimbo lyokudhana: 45 ominute +**

### Efalomo

1. Longekidha ehala
2. Gandja omakunde gatano (5) kukehe omukuthimbinga (omunafaalama)
3. Tula po ethimbo lyonkalo yombepo (shi ikwatelela kungoye, shi tseyitha nege wu shi nyole koshopelende opo kehe gumwe e shi mone)
4. Ongundu yaanafaalama shi ikwatelela kondungempungulilo yawo
5. Dhingolokitha ekalata wu mone onkalo yombepo yo yene
6. Omunafaalama ota futu nenge ta futwashi ikwatelela kondunge yompungulilo ye (Tala mba ya wini nenge mba ya dhengwa mokampungu kefo tali landula)
7. Endulula oonomola 3-6
8. Gwedha mo uukalata wa shewa pamalupita opo iinima yi kale tayi hokitha
9. Dhana sigo aadhani owala aashona ye na omakunde ga hupu po
10. Hulitha okaudhano
11. Italeleni konima



## linima wu na okukoneka nokungonga

- Ngonga ehokololo po wu ninge oshikalimo shi na oshilonga kaadhani yoye (tala oshiholelwa kefo).
- Elago otali dhana onkandangala mokumona oshizemo nomudhani kehe ota pumbwa a dhane shi ikwatelela kontseyo ye ndjoka e na yuuvalelwamo.
- Kala wu na okutsi kwa patulukila omalombwelo nomatumwalaka ngono ga nika oshiponga, inaga opala nokage li mondjila. Longitha omalombwelo ngano onga ompito yokutalela iiningwanima mbyoka yi na oshilonga.
- Osha simana wu kale wa koneke kutya okaudhano oka tali ka ko okapu, nonkalamwenyo yashili oyo ondhigu unene/ya tompakana niiningwanima mbyoka tayi kwata ko okuninga omatokolo.
- Ongushu yashili yokaudhano otayi siilile uuna ngele we ka kwatakanitha niiningwanima yonkalamwenyo, onkene pethimbo lyokutalela osha simana okukundathana nokuungaanga ekwatathano pokati kokaudhano niikalekipo nosho wo omakankameno giiningwanima yuunafaalama.

## lilongitho



*Okudhingolola to dhenge  
kiitendwa ko mbyoka  
ihaayi kuthwa ko*



*Omakunde ga-5  
komudhani kehe*



*3 uunyothi wu li kuuti  
wa kalela po oopolesa  
dhekwasihilipaleko*

# kuninga okaudhano ken a oshilonga pashitopolwa

Ngonga okaudhano momukalo kehe tashi vulika ka kale ke na oshilonga nelalakano moshikalimo shoka wu li.

## Ukililatha ehokololo

Aanafaalama otaa vulu okumuna kehe shimwe ngaashi oonzi, iilya nenge oongombe.



Peha lyokwiipula nelunduluko lyonkalo yombepo wi ikwatelela koshikukuta nenge komuloka, oto vulu okwiikolelela kuyo manga kuyeke nenge konima pokwenye nenge pethimbo lyomvula.

*Oshikukuta ohayi lunduluka  
omvula yoshikungulu*



*omvula ya loko kuyeke -  
ohayi lunduluka – omvula ya  
loko kwa toka/lata*



## Ngonga omukalo gwokaudhano

Oto vulu wo okungonga omukalo gwokaudhano. Oshiholelwa, oto vulu okuukililitha nkene aantu haa mono nenge haa kanitha omakunde (tala oshiholelwa pevi) opo wu endeletithe nenge wu shunitha monima okaudhano, opo wu tote po oondondo dha yooloka dhengwangwano nepiyagano.

Okupungula shi ikwatelela nonkalo yombepo	Ngele onkalo yombepo oya kukuta yi vule shito	Ngele onkalo yombepo ya nika uututo yi vule shito
<b>Ilongekidhila oshikukuta</b> <i>*ekunde limwe mompungulilo*</i> <i>Pungula miikulya ya gwana, kwashilipaleka kutya oondondo dhomeya otadhi longo.</i>	<b>Galulilwa ekunde limwe</b> <i>(nando owe li tatula) limuna yi na omwenyo tayi koko, ashike kape na sha shoka tashi winwa. To mono ondando yokupungula ashike kapu na iihohela.</i>	<b>Ino galulilwa nande ekunde</b> <i>(ekanitho eshona) likulya oyindji ya ninga nayi, wa kanitha oompito dhimwe odhindji.</i>
<b>Ilongekidhila omuloka omunene</b> <i>*ekunde limwe mompungulilo*</i> <i>Pungula nokukokeka iikulya oyindji yiimuna.</i>	<b>To kanitha omakunde gaali</b> <i>(gandja ekunde limwe ishewe kompungulilo: ekanitho enene) Kapu na iikulya ya koka, iimuna otayi si.</i>	<b>Wa galulilwa omakunde gaali</b> <i>(ewino enene) likulya oyindji yo oya gwana otashi ti iimuna oyindji tayi kala po nokukoka.</i>

# OKUFUTILA OMATENGENEKO pakutala

Pethimbo lyokaudhano hano aadhani oya taalela omashongo gelunduluko lyonkalo yombepo, oye na okuninga omatokolo gopaumwene nopaungundu opo yi ilongekidhile omashongo naka, na oye na okulonga niizemo yomatokolo gawo. Sha simana aadhani oye na okumona ongushu monkalo yombepo mokukwathela ya ninge omatokolo gawo.

**Aawiliki:** gumwe (e na ontseyo yi li pombanda)  
**Ethimbo lyokudhana:** oominate 45 – owili yimwe

## Omukalo

- Aadhani taa tulwa mongundu yayatatu. Gandja okadeisa okatokele koombinga hamano komudhani kehe, nomongundu kehe gandja mo okadeisa koombinga hamano kolwaala nokakopi kopulastika.
- Hokolola omatumbulo ganathangwa taga landula nuukeka e to dhana iikando wu gandje iiholelwa kuyo:
  - Onkatu 1 – Efundja otali monika ngiini?** Oongundu tadhii umbu uudeisa komvula yopashitopolwa (ashike nawu kale wa holekwa koki yokakopi), ye kehe gumwe tu umbu pamukunda okadeisa komvula. Opi ihe kehe ongundu tayi yelutha okakopi ya siikulule okadeisa komvula yopashitopolwa. Aadhani ayehe otaa gwedha kumwe itisa yopashikandjo noyopashitopolwa opo yam one efundja yopashitopolwa. Dhana oshikando shotango ngaashi ngeyika.
  - Onkatu 2 – Efundja oto li ilongekidhile ngiini?** Pa omudhani kehe omakunde omulongo, ya lombwela kutya shino otashi vulu okulongithwa nokwilongekidhila efundja, nenge okufutila ekwatho lyiiponga. Kapu na omakunde taga taambathanwa nenge taga thigululwathana. Ngele aadhani oya mana po omakunde ya pa emanya etiliganeyi ya kalele po aantu miiponga, ashike naa tsikile nokudhana. Dhana omalweetho 2 ngaashi ngeyi, e to shunitha omakunde agehe kaadhani.
- Gandja omukalo gwomakumagidho kuyele. Ninga omangeshefelo shi ikwatelela komutamaneke gwopombanda, gaandja uukopi hawu imonikila pokati koongundu. Mule wokaudhano akehe, uukopi mbuno otawu gandja kaadhano opo yam one omvula yopashitopolwa manga inaa ninga omatokolo geilongekidho lyefundja.
- Tameka okaudhano nawa. Dhana omalweetho ga-6 shi ikwatelela koonkatu ndhi:
  - Oongundu tadhii umbu uudeisa wopashitopolwa. Oongundu dhuukopi hawu monikila otaa mono ompatolona yomvula yopashitopolwa, oongundu ndhi dhi na uukopi wulwe itaye shi mono.
  - Oongundu nadhi kundathane omailongekidho gefundja. Mbono yeh ala okwilongekidhila efundj naa thikame e taa gandja ekunde limwe komuwiliki.
  - Aadhani naye umbe okadeisa kopashitopolwa.
  - Aadhani yuukopi mbu uhawu imonikila, naa holole omvula yopashitopolwa.
  - Potokonona olweetho (tala oshitafula kepanja tali landula).
- Olweetho 7: hokolola onkalo yombepo tayi lunduluka.
  - Pingakanitha uudeisa woombinga hamano womvula yopashitopolwa nuudeisa woombinga 8 ya humithe komeho oompito dhofundja. Kambadhala wu shi ninge meholamo.
- Dhana omwalweetho 3 nokadeisa koombinga 8, e to hulitha okaudhano
- Mona omuntu ngoka a sindana noongundu ndho dha sindana.
- Fatulula (tala kepanja ndyoka tali ulike omapulo ngele otashi vulika).

## lilongithwa

### Omudhani kehe



omakunde 10  
 (iilongitho yeilongekidho lyomvula)



okadeisa kamwe  
 koombinga 6 okatokele  
 (omvula yopashitopolwa)



okadeisa kamwe koombinga 6  
 kolwaalwa (omvula  
 yopashitopolwa)



okakopi kombapila  
 kamwe (holeka  
 okadeisa komvula  
 kopashitopolwa)



okadeisa kamwe  
 koombinga hetatu  
 (omvula  
 yopashitopolwa koki  
 yelunduluko lyonkalo  
 yombepo)

### Ongundu kehe (aantu yatatu)



Omamanya gaali omatiliganeyi  
 (kaadhani kaaye na we  
 omakunde)



okakopi taka imonikila (ulikila owala etata  
 lyoongundu dhopashitopolwaokadeisa komvula,  
 taka kotha omakunde gaali komudhani kehe)



litaafula niipundi ya  
 gwanana omudhani kehe



Ehala lya gwana pokati koongundu opo  
 li pitike omaudhano

### Pakwalukehe



Oondando kaasindani  
 oohandimwe & nokongundu ndjo  
 ya sindana



iilongitho/iipikulitha  
 yopaungomba (yoongundu  
 oonene)



## Eilongekidhilo lyefundja nekwathelo lyiiponga

	EFUNDJA (okaideisa komvula kopashitopolwa + okadeisa komvula kopashikandjohogololo -10)	KAPU NA OMVULA (okadeisa komvula kopashitopolwa + okadeisa komvula kopashikandjohogololo - 10)
<b>IILONGEKIDHILWA</b> (futa ekunde 1 manga olweetho inaalu ya)	To dhana, kapu na ekwathelo lyiiponga lya pumbiwa.	Wi ilongekidha monanguwi, ashike kapu na shi sha holoka po.
<b>INO ILONGEKIDHA</b>	Wa futa omakunde ga-4 mekwathelo lyiiponga.	Kapu na shoka sha ningwa po.

### Aasindani



### Omapulo gokwiitalulula

- Owi ilongo mo shike mokaudhano hano?
- Ontseyo ndjino oyi ikwatelela konkalamwenyo yoye?
- Oshike sha ningwa po sho twa hokolola kombinga yelunduluko lyonkalo yombepo?
- Oto dhiladhila kutya shino osha li sha kalela po elunduluko lyonkalo yombepo?
- Gndja oshiholelwa wa mono mokaudhano haka.

# OLWEENDO LWOSHIKANWA *pakutala*

Omukalo moka aantu, omagumbo nomikunda ya yooloka pankalathano ohashi holola nkene aantu haa ningwa iihakanwa moka ya tulwa – mumwe noonkalolupe osho wo shaa li pankalo yombepo – nohashi tula uukwatya woonkondo dhawo okuyamukula nokwiigilila omaudhigu ngoka. Euveko lyomayooloko gopankalathano ngano pakuninga oshihakanwa osha simana okukalela po eigililo lyonkambadhala yokukalela po esindano, nokukwathela aanamukunda ya popithe omaudhigu ngono ya taalela kaape na okuningilila mo oonkalamwenyo dhawo nenge ethindilomo lyopwaa na uuthikepamwe. Okaudhano hano otaka kwathele okupekapeka uukwaanethikopamwe wa yooloka mbono wu li mokati kaanamikunda nokutalela nkene ye na okwiigilila oonkambadhala dhokupipitha iinima mbika.

## Omukalo

1. Yoolola aanyandi taa opalele olweetho nduka mwa kwatelwa omayooloko ogendi gopankalathano ngono ge li moshitopolwa shoye. (ngaashi uukashikekookantu, ongundu, oludhi, omuhoko, uulema, pamukunda nopandoolopa nomokati komikunda).
2. Ngonga omapulo taga opalele olweetho (10 nge ge vule po) ngono taga eta omayamukulo Eeno nenge Aawe, okuziilila kaanyandi shi ikwatelela komayooloko gopankalathano nga.
3. Gandja oshinyandwa komukuthimbinga kehe nokuya pula ya tule uunyandi wawo meimweneneno sigo okehulilo lyokaudhano.
4. Aakuthimbinga naathikame momukweyo gu ukilila pu na ehala lya gwana oku uka komeho.
5. Pula kehe epulo. Ngele omunyandi okwa yamukula 'eeno', otayi onktu yimwe komeho. Ngele omunyandi okwa yamukula 'ahawe', nakale pehala lye.
6. Hulitha okaudhano uuna omapulo agehe ga pulwa.
7. Fatulula okaudhano to longitha omapulo ngaashi ngaka:
  1. Omolwashike wa li to vulu nenge itoo vulu okuya komeho?
  2. Owa li wu uvite ngiini show a yi komeho?
  3. Aalumentu oye li peni? Aakiintu oye li peni? Aathigona oye li peni? Aakulupe oye li peni? Aagundjuka oye li peni?
  4. Shino otashi tu lombwele kombinga yashike pakuninga oshihakanwa?
  5. Iizemo yashike moshilongadhalwa shika mokutula po oonkambadhala?
  6. Otatu lundulula ngiini onkalo yokuningwa oshihakanwa?

Aawiliki: 1

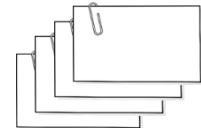
Omwaalu gwaadhani: 2 – oyendji

Ethimbo lyokudhana: ominute 20 +

## lilongitho



*Omusholondondo gwotekisti  
yomaukwatya taga opalele*



*Uutetela uushona  
woombapila (kamwe  
komunyandi kehe)*

**EENO? AAWWE**

*Omusholondondo gwotekisti  
taua opalele  
Omapulo gaEeno/Aawe*



*Ehala enene lya gwanena  
aantu opo ya vule  
okwiinyenge  
(meni nenge pondje)*

# ETHIGATHANO LYUUNAFALAMA *pakutala*

Omukalo ngono aantu haa longo nokwiigilila omashongo oshi ikwatelela kwaashono ye na nethimbo ndyono taa vulu okukutha onkatu. Ngele uudhigu woshiningwanima owa geye, ashike ethimbo lyokukatuka olya ninga limwe, omaupyakadhi ohage ya po, omalimbililo ohaga ningi ogendji nahugunina, iinima ohayi teka po. Ethigathano lyuunafalama olyo edhewo ndyono tali vulu okulongithwa okupekapeka uudhigu niyetithi oyindji momalimbililo goshinima.

**Aawiliki: 1**

**Omwaalu gwaadhani: 10-50**

**Ethimbo lyokudhana: oominute 10-15**

## Omukalo

1. Gongela kehe gumwe mongonga, nangoye mwene wa kwatelwa mo. Hokolola oshikalimo shokaudhano, to shi ningi shi na oshilonga mehala moka ho longele.
2. Hokolola okatanga kotango, fatulula kutya okatanga hano oka thikamena po iidhanomwa mbyoka aadhani taa vulu okuwilikila kumwe. Aadhani nay u umbe okatanga taka dhingoloka mongonga, inaka kalekwa mombanda itaaka gwile pevi ko inaka kakatela miikaha yomuntu uule wu vulithe poosekonde mbali (2). Okatanga ngele oka gwile pevi, omudhani ne ka toole po e te ku umbile mombanda uudhano wu tsikile.
3. Pa aadhani ompito ya konge omuzimino, uuna ya zi mongonga.
4. Pampito kehe oto vulu okuhwedha mo okaudhano wu londodhe aadhani kombinga yokatanga okapi take ya, ngoye oto vulu wo wu ya haluthe nokatanga uuna manga taa dhana.
5. Tsikila nokugwedha mo utanga muudhano nasigo tashi ningi embwindakanitho moka utanga tawu gwile pevi olundji:
  1. Owa li wu uvite ngiini monkatu yotango yuudhano?
  2. Pukuyeleanitha, owa li wu uvute ngiini sho utanga wa yooloka wa li mongonga?
  3. Sho wa mono kutya kasha li tashi vulika opo wu kaleke utanga awuhe waa gwile pevi, ngoye nenge nongundu yoyw omwe dhi ende ngiini opo mu yoolole utanga mbono mwa tula oonkondo opo mu wu kwate?
  4. Esimano lyashike (oshiviha, olwaala, olupe) lwa dhana onkandangala mokuninga etokolo ndino?

## lilongithwa

*Utanga wa  
yooloka uupu waa  
na oshiviha. Ngele  
osha simana  
montopolwa yeni  
oto ulu okulongitha  
utanga wiiviha ya  
yooloka wu  
thikamene po  
eyooloko pokati  
kongushu  
nomithika  
dhuudhano.*



*Ehala enene lya gwanena opo aantu  
ya vule okwiinyenga (meni nopondje)*

**Manga inoo dhana, tala ngele aadhani ayehe  
oya mangeluka nokudhaadhigwa noshinima.  
Pula mboka inaaya mangeluka ya ye kondje  
yokapale yo ya tale ashike uudhano.**

## OMALUNZA

Davies, J. 2017. Iilanduli yelunduluko lyonkalo yombepo nelundululo muumbangalantu wopokati moNamibia. Eyelithilo lyuuyelele wa-ASSAR. Tali adhika ko-online: [mOshiingilisa](https://goo.gl/VXRDHm) (<https://goo.gl/VXRDHm>); [Oshiwambo](https://goo.gl/b6P6vF) (<https://goo.gl/b6P6vF>).

Desert Research Foundation of Namibia. 2013. IWRM community training manual. Windhoek, Namibia.

Koelle, Bettina. 2014. Serious Fun - Facilitating interactive games for adaptation and disaster risk reduction. 2014. Published by the Red Cross Red Crescent Climate Centre Second edition, Cape Town. Tali monika ko-online: <http://www.climatecentre.org/downloads/files/RCCC-Facilitation%20cards%202014.pdf>

Uuministili wOmudhingoloko nOmatalelopo. 2011. Natu igilileni okutaambako: Uuyelele waakwashigwana welunduluko lyonkalo yombepo niilanduli yomiitopolwa yaNamibia.





# Kombinga yaASSAR

ASSAR oha longitha uuyezele okuzilila miiyelekithindjele yopendji, nomiilonga yopaukumwe, opo a nawapaleke okuuva ko iikayt, iinkondopaleke/iivulithi niiyiimbi, mokulonga nawa metsiko nomeyandjaganeko lyelunduko lyondjiigilile yelunduluko lyonkalo yombepo okuya komimvo 2030. Mokulonga miiilongo iheyali yaAfrica, noyokOlundume lwaAsia, oongundu dhaapekapeki dho-ASSAR dhopaitopolwa, otadhi faathanitha omalunduluko ngoka guupyu wopombanda taga thiminikwa kiinima yomonkalamwenyo nomudhingoloko, nnashoka tashi monika, po, elongitho lyasho nokekwaterakonawa lyevi nolyomeya. Shimwe shomongundu yiinima ine koshi yElongelokumwe lyEpekepeko lyOndjigilile lyOpaunyakwa muAfrica nomuAsia (CARIAA), ASSAR okwe eta po uunongo uupe welunduluko lyonkalo yombepo, mbono tawu tongolola nokumwetha mo omilandu netulomiilonga lyadho, mokulundulula omukalo gwelongeelokumwe lyaapekapeki naanawino.



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